

REMARKS

As the Examiner is aware, this case is part of the Motorola "bulk filing" applications. If the Examiner is unaware of this program and these applications Examiner Baumeister and SPE Chaudhuri are good resources.

Further to the discussion with Examiner Baumeister regarding the bulk filing cases in general, the above claim is presented in view of this discussion and overcomes the art cited in this case, which is not specific to or suggestive of the claimed structure:

- a) a monocrystalline Group IV substrate;
- b) a layer of amorphous oxide of Group IV in contact with said substrate;
- c) a monocrystalline metal oxide and/or metal nitride layer overlying the amorphous layer;
- d) a metal or metal oxide capping layer in contact with said monocrystalline metal oxide and/or metal nitride layer;
- e) a compound semiconductor template layer in contact with said capping layer; and
- f) a monocrystalline compound semiconductor layer in contact with said template layer.

The Examiner is requested to contact the undersigned upon consideration of this claim if it is not considered to place this application in a form for allowance.

Respectfully submitted,
OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Richard L. Treanor
Attorney of Record
Registration No. 36,379

Customer Number
22850

Tel: (703) 413-3000
Fax: (703) 413-2220